

Abstract of the Disclosure

One embodiment of the present invention is disk drive electronics that includes: (a) main electronics; (b) bus interface logic; (c) a bus interface logic monitor that monitors activity on a host interface; and (d) a regulator that supplies power to the bus
5 interface logic monitor, the bus interface logic, and the main electronics; wherein the bus interface logic monitor determines whether to enter a sleep mode, and if so, causes power from the regulator to be removed from the bus interface logic and the main electronics.